Patent claims

1. A method for patterning an unpatterned organic layer (3; 13), in particular of organic circuits, characterized by

- pressing patterning means (2; 12) at a predetermined temperature and at a predetermined pressure into the organic layer (3; 13), the patterning means penetrating into the organic layer (3; 13), so that the organic layer (3; 13) is permanently patterned after the pressing-on.

2. The method as claimed in claim 1, characterized in that a substance is chosen which forms the organic layer (3; 13) in such a way that the organic layer (3; 13) is opened permanently under the action of the patterning means (2; 12).

3. The method as claimed in one of the preceding claims, characterized in that the pressing-in is effected over a predetermined time period.

4. The method as claimed in one of the preceding claims, characterized in that the patterning means (2; 12) are arranged on a planar carrier (1; 10, 11).

5. The method as claimed in one of the preceding claims, characterized in that the patterned organic layer (3; 13) has depressions (6; 16) in accordance with the patterning means (2; 12).

6. The method as claimed in claim 5, characterized in that a layer (4) is provided, which is covered by the organic layer (3; 13), the depressions (6; 16) essentially extending continuously as far as the layer (4).

7. The method as claimed in claim 5 or 6, characterized in that the depressions (6; 16) are

suitable for forming plated-through holes.

8. A device for patterning organic layers, in particular of organic circuits, characterized by patterning means (2; 12) having predetermined dimensions, it being possible for the patterning means to be pressed at a predetermined temperature and at a predetermined pressure into the organic layer (3; 13) in order to form permanent structures in the organic layer (3; 13).

9. The device as claimed in claim 8, characterized in that a substance is chosen which forms the organic layer (3; 13) in such a way that the organic layer (3; 13) is opened permanently under the action of the patterning means (2; 12).

10. The device as claimed in claim 8 or claim 9, characterized in that the patterning means are arranged on a planar carrier (1).

11. The device as claimed in claim 8 or claim 9, characterized in that the patterning means are arranged on a planar, flexible carrier (11), which is in turn arranged circumferentially on a roll-type carrier (10).

12. The device as claimed in claim 11, characterized by a conveying device (18) adapted for conveying the organic layer essentially synchronously with a circumferential speed of the roll-type carrier (10).

13. The device as claimed in one of the preceding claims 8 to 13, characterized by a device (18) adapted for pressing the patterning means into the organic layer at the predetermined pressure.

14. The device as claimed in one of the preceding claims 8 to 13, characterized by a device (17) adapted for heating the patterning means to the predetermined

temperature.